



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/725,505	12/03/2003	Robert Stoner	COS97083C1	3775
25537	7590	12/11/2006	EXAMINER	
VERIZON PATENT MANAGEMENT GROUP 1515 N. COURTHOUSE ROAD SUITE 500 ARLINGTON, VA 22201-2909			TRAN, MYLINH T	
			ART UNIT	PAPER NUMBER
			2179	
DATE MAILED: 12/11/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/725,505	STONER ET AL.	
	Examiner	Art Unit	
	Mylinh Tran	2179	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 03 December 2003.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-38 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-38 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 12/03/03 is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 12/03/03.
- 4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) Notice of Informal Patent Application
- 6) Other: _____.

DETAILED ACTION

Drawings

New corrected drawings in compliance with 37 CFR 1.121(d) are required in this application because present drawings are hand-written.

Applicant is advised to employ the services of a competent patent draftsperson outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dev et al. [US.5,504,921] in view of Ditmer et al. [US. 6,490,620].

As to claims 1 and 21, Dev et al. shows a communications network having first means for receiving communication of original messages generated from one or more network element subsystems (column 3, lines 38-55 and column 13, lines 1-15), means for mapping text of a received original message to one or more of a plurality of alarm attributes (column 4, lines 54-65 and column 12, lines 32-50)

and means for determining the presence of an alarm condition from said one or more attributes (column 8, lines 27-55) and generating one or more responses according to said type of alarm condition (column 8, lines 41-55); means for enabling a remotely located user access to said one or more network elements via a display interface at a remote terminal (column 3, lines 28-55) and a said response including automatically presenting said remotely located user of an alarm condition at a network element via said display interface, said remotely located user being enabled to access said network element from said remote terminal for further responsive action thereof (column 14, lines 41-60). The difference between the claim and Dev et al. is the network element subsystems including console connections and application connections. Ditmer et al. shows the limitation at column 2, lines 40-60 and column 7, lines 21-60. It would have been obvious to one of ordinary skill in the art, having the teachings of Dev et al. and Ditmer et al. before them at the time the invention was made to modify the textual messages of the network system taught by Dev et al. to include the network structures of Ditmer et al., in order to provide a user interface in the form of application to enable a user to be open and portable to different platforms as taught by Ditmer et al.

As to claims 2 and 20, Dev et al. discloses said first server means includes a terminal server means physically connected to a console port I/O of each said network element, said remotely located user having access to said console port via said user interface (column 4, line 65 through column 5, line 1-17).

As to claims 3 and 23, Dev et al. shows the first server means includes means for receiving communication of original textual messages from a network application running on said network element, said first server means including a mailbox facility means for receiving said alarm messages (column 3, lines 35-60).

As to claim 4, Dev et al. teaches the network application running on said network element is a Log Management Facility application (column 3, lines 1-60).

As to claims 5 and 24, Dev et al. discloses means for presenting an indication of said alarm condition to said remotely located user via a network connection (column 2, lines 50-64).

As to claims 6 and 25, Dev et al. shows "graphical icon being color-coded to indicate alarm condition severity" (column 12, lines 16-67).

As to claim 7, Ditmer et al. demonstrates the terminal server means including a telnet terminal server (column 9, lines 51-67).

As to claim 8, Dev et al. teaches means for enabling a remotely located user access to said one or more network elements includes a network connection (column 2, lines 35-67).

As to claims 9 and 27, Dev et al. shows network socket connection is pursuant to a TCP/IP protocol (column 3, lines 28-62).

As to claims 10 and 8, Dev et al. discloses means for mapping text of a received original message to one or more of a plurality of alarm attributes includes utilizing regular expression matching (column 9, lines 40-65).

As to claims 11 and 29, Dev et al. teaches the message attributes include one or more selected from the group comprising: originating network element, time, alarm severity level, alarm mnemonic, alarm description, process name, and network element name (column 8, lines 1-13).

As to claims 12 and 30, Dev et al. discloses means for determining presence of an alarm condition from said one or more attributes includes means for applying configuration rules to said alarm attributes, said configuration rules stored as text in a first storage means at or near said first means and accessible therefrom (column 9, lines 40-65 and column 12, lines 15-51).

As to claims 13 and 31, Dev et al. teaches text editor means for enabling a user to modify existing configuration rules stored in said storage means via said user display interface, said text editor means further enabling said user to generate new configuration rules for storage in said storage means, said new configuration rules creating a new alarm condition (column 9, lines 5-67).

As to claims 14,15,32 and 33, Dev et al. shows configuration rules further provides a sifting operation for sifting through said attributes to match said alarm condition with a pre-determined alarm condition and the sifting means operation enables an alarm message to be terminated if a match with a pre-determined alarm condition is found (column 14, lines 41-60).

As to claims 16,17,34 and 35, Dev et al. teaches configuration rules further provide a logging operation for automatically logging alarm conditions in a second storage means at or near said first means and accessible therefrom and means for generating reports including past alarm conditions stored in said second storage means (column 9, lines 43-67).

As to claims 18 and 19, Dev et al. discloses a response action includes initiating transmission of an e-mail message and a response action includes initiating transmission of a paging message and command procedure (column 11, lines 40-55).

As to claim 22, Dev et al. shows providing a physical connection between each said network element and a terminal server device enabling remote access to said one or more network elements via said user display interface (column 3, line 35-through column 4, line 15).

As to claim 26, Dev et al. show providing a network socket connection to enable said remotely located user access to said one or more network elements (column 3, lines 62).

As to claim 36, Dev et al. teaches a transaction server and a communications server; the transaction server and communications server and to transmit the same over a network link (column 5, lines 1-17); a telecommunications network alarm monitoring server linked to the terminal server of the service control point over the network link; a network alarm monitoring process to map the event messages to an alarm data structure and a network link to the

telecommunications network alarm monitoring server to enable transmission of messages by the network alarm monitoring server in response to recognized alarm condition (column 3, lines 38-55 and column 13, lines 1-15)

As to claim 37, Dev et al. teaches access is enabled to the terminal server is over an Internet Protocol network (column 4, lines 1-15).

As to claim 38, the claim is analyzed as previously discussed with respect to claims 36 and 37.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mylinh Tran. The examiner can normally be reached on Mon - Thu from 7:00AM to 3:00PM at 571-272-4141.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo, can be reached at 571-272-4847.

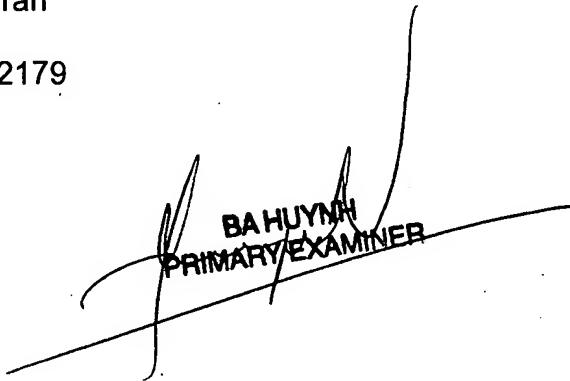
The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

571-273-8300

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mylinh Tran

Art Unit 2179



BA HUYNH
PRIMARY EXAMINER

A handwritten signature in black ink. The name 'BA HUYNH' is written in a bold, slightly slanted font. Below it, the words 'PRIMARY EXAMINER' are written in a smaller, all-caps, sans-serif font. The signature is positioned on a diagonal line that slopes upwards from the bottom left to the top right.